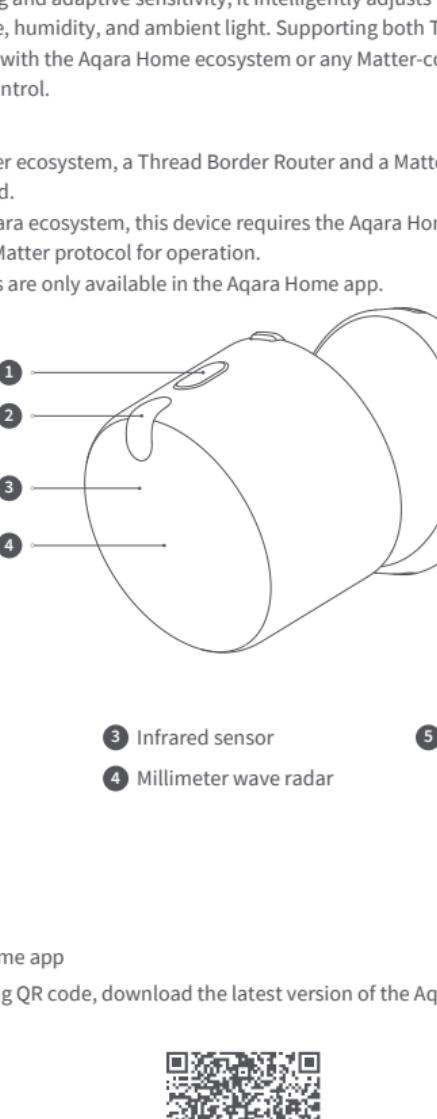


Aqara



Presence Multi-Sensor FP300 EN

Product Introduction

The Presence Multi-Sensor FP300 is a battery-powered human presence sensor that combines millimeter-wave radar, infrared detection, and Aqara's AI algorithms to accurately detect occupancy—even when occupants remain still, overcoming the limitations of traditional PIR sensors. With spatial self-learning and adaptive sensitivity, it intelligently adjusts to its environment while also monitoring temperature, humidity, and ambient light. Supporting both Thread and Zigbee protocols, it seamlessly integrates with the Aqara Home ecosystem or any Matter-compatible platform for versatile smart home control.

Note:

*When joining the Matter ecosystem, a Thread Border Router and a Matter Controller for the Matter ecosystem are required.

*When added to the Aqara ecosystem, this device requires the Aqara Home app and an Aqara hub supporting Zigbee or Matter protocol for operation.

* Some specific features are only available in the Aqara Home app.

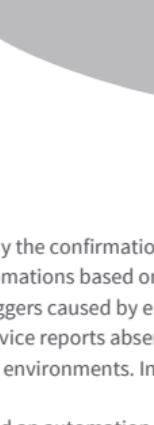


Device access

Preparation

1. Download Aqara Home app

Please scan the following QR code, download the latest version of the Aqara Home app

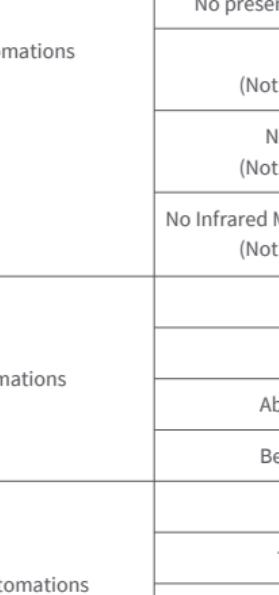


2. Connect the device

Remove the insulation tab, power on the device, then enter the network pairing mode, the LED indicator will light start flashing blue slowly.

If the network pairing times out, press and hold the reset button for 5 seconds until the LED indicator starts flashing, then release it to enter the device pairing mode.

*To ensure the device's airtightness, the gaps are designed to be narrow. When removing the insulating tab, please pull it out firmly. If difficulty occurs, you may open the battery cover for extraction.



Connect via Matter (Thread protocol)

Open the Aqara Home app, after entering the "Home" tab, click the "+" in the upper right corner to enter the "Add Device" page. After choosing the corresponding device, follow the prompts on app to complete the pairing.

Note: If you need to join the Matter ecosystem through a third-party ecosystem, you can access it in the third-party app's "add device" process, by scanning the Matter Code on the device or manual to complete the device pairing.

Connect via the Zigbee protocol

Open the Aqara Home app, enter the "Home" tab, select the "+" in the upper right corner to enter the "Add Device" page, select the corresponding device name, scan the pairing code, and select the Zigbee protocol for the corresponding firmware download. Choose the hub you want to bind the device to.

Firmware Upgrade

To ensure the best experience, please add the device in the Aqara Home app first, then update the device firmware in the settings page to the latest version before using it.

Protocol Switching

If you want to switch protocols, you can do so in the Aqara Home app. First, remove the device from the app, then long press the device reset button for 5 seconds to reset the device and enter pairing mode; during the device pairing process, tap Switch Protocol and select the desired protocol, follow the app's instructions to complete the setup.

Notice: switching protocols is equivalent to restoring factory settings, which will clear all device settings and data.

Equipment Installation

The device can be installed anywhere detection is needed, supporting multiple installation methods such as wall mounting, desktop placement or ceiling installation. Users can choose an appropriate location based on the desired detection area and adjust the installation angle and device tilt to fine-tune coverage. The device supports installation via adhesive, magnetic mounting, expansion screws, etc. (screws must be used if installed at a height over 2 meters).

Installation Recommendations

1. Install the device on a wall, corner, or ceiling using adhesive or magnetic mounting based on your actual detection needs. Make sure the front of the device faces the area you want to monitor, and adjust the angle accordingly.

2. If you need to cover a larger detection range, it is recommended to install the device at a height of about 2 meters, with the device slightly tilted downward to cover the required area of monitoring.

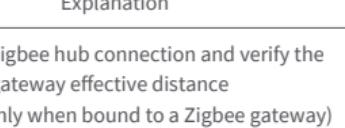
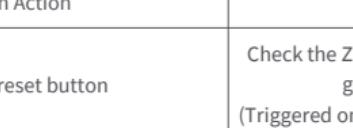
3. For side installation on a wall or in a corner, a recommended height is 1.4–1.8 meters, to ensure detection coverage in both standing and seated positions. If installing at a different height, you can adjust the bracket's tilt angle as needed to cover the main activity area.

4. To avoid detection blind spots, it's recommended to install the device in a corner with the front facing the centerline of the corner. This helps minimize FOV blind zones on both sides of the radar during long-range detection. The base features an eccentrically designed universal joint, allowing adjustment of the mounting angle by rotating the base to achieve greater tilt range for the device.

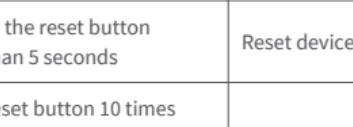
5. When installing, please try to avoid facing large areas of metal, glass and other strongly reflective surfaces or installing it next to air conditioner outlets, air purifiers, and fans.

6. When the installation height is less than 2 meters, it can be installed with adhesive and magnetic mounting. Above 2 meters requires fixing screws.

A. Adhesive installation



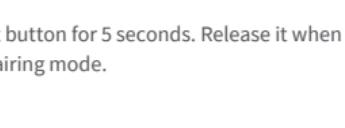
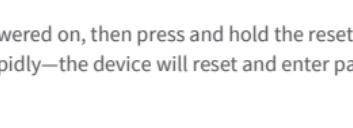
B. Magnetic installation



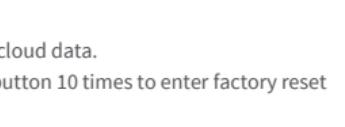
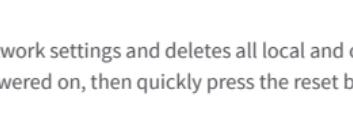
C. Screw installation



D. Expansion screw installation



E. Desktop placement



F. Ceiling installation



G. Corner installation



H. Wall-mounted base plate



I. Wall-mounted base plate

J. Wall-mounted base plate

K. Wall-mounted base plate

L. Wall-mounted base plate

M. Wall-mounted base plate

N. Wall-mounted base plate

O. Wall-mounted base plate

P. Wall-mounted base plate

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AA. Wall-mounted base plate

AB. Wall-mounted base plate

AC. Wall-mounted base plate

AD. Wall-mounted base plate

AE. Wall-mounted base plate

AF. Wall-mounted base plate

AG. Wall-mounted base plate

AH. Wall-mounted base plate

AI. Wall-mounted base plate

